Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 22 Jul 2021 until 23:59 on Friday 23 Jul 2021

Forecast Issued on Thursday 22 Jul 2021 at 03:04

Confidence: High for overall theme, low confidence in locations of showers.

Headline for Thursday 22 Jul 2021: Another hot and sunny day, low risk of showers later.

Mountain weather hazards on Thursday 22 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny	Sunny intervals	Sunny	Clear night
Precipitation probability					
00%	00%	20%	40%	30%	00%

Forecast for Thursday 22 Jul 2021

Weather: Mainly clear skies overnight although a few areas of low cloud possible in the east and some mist in valleys around dawn. Clear skies during the morning and feeling hot as the temperatures quickly rise. During the afternoon some fair weather cloud will develop and there is a risk of slow moving showers across the park. Any showers will be few and far between, but they do have the potential to be heavy and thundery. Any showers and cloud dissipating early in the evening, leading to a clear night before low cloud approaches from the north east early tomorrow.

Chance of cloud free mountain/hill tops above 600m: 80% becoming 100%

Visibility: Generally very good, although quickly deteriorating to moderate-poor in any heavy showers.

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Mountain Weather Forecast

Forecast for Thursday 22 Jul 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/7 SW	4/6 W	7/10 W	8/12 NE	8/12 E	7/12 E	7/10 E
300	0/5 SE	2/4 SW	6/10 NW	6/9 NE	7/11 E	6/13 NE	6/11 NE
Valley	1/3 NW	2/4 SW	4/7 N	7/11 E	7/12 E	6/11 E	6/10 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/19	20/20	22/22	21/21	20/20	17/16	14/14
300	18/19	23/25	27/26	24/24	23/23	18/18	16/15
Valley	19/21	23/25	28/28	26/26	25/25	20/20	17/17
Freezing Level*	2800m	2700m	2800m	3100m	2900m	2800m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong sunshine expected once again, and feeling very warm with light winds. Sun protection and plenty of hydration is recommended.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 22 Jul 2021	0mm	0mm	0mm

Forecast for Friday 23 Jul 2021

Weather: Low cloud spreading across the north and east of the park in the early hours, steadily lifting and breaking late morning. Staying dry and clear for the remainder of the day, but some low cloud reforming overnight.

Maximum wind: Easterly 10mph gusting 20mph

Chance of cloud free mountain/hill tops above 600m: 30% improving to 100%

Visibility: Poor at first with cloud base around 300m. Improving to very good during the morning.

Temperature: **Valleys:** PS 15 Celsius increasing to PS 23 Celsius
At 600m: PS 16 Celsius
Freezing level: Above summits

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